

510 Rec'd PCT/PTO 24 AUG 1999

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: E. DAFNI, et al  
 Serial Number: Not yet assigned  
 Filed: February 12, 1998 as PCT/IL98/00074  
 For: Real-Time Dynamic Image Reconstruction  
 Art Unit: Not yet assigned

Pre-Amend  
 at 13  
 TL  
 4-12-04

Honorable Commissioner of Patents and Trademarks  
 Washington DC 20231

## PRELIMINARY AMENDMENT

Sir:

Further to the concurrent filing of a US national application of PCT application PCT/IL98/00074, kindly amend the application as follows:

## IN THE SPECIFICATION

Kindly add the following on page 1, after the title:

## --RELATED APPLICATION

A' This application is a US National filing of PCT Application PCT/IL98/00074, filed February 12, 1998--

## IN THE CLAIMS

Claim 7, line 1, change "any of the preceding claims" to --claim 1--.

Claim 8, line 1, change "any of the preceding claims" to --claim 1--.

Claim 10, line 1, change "any of the preceding claims" to --claim 1--.

Kindly amend claim 15 as follows:

15. (Amended) A method according to claim 14 wherein the updated image of the region of interest is produced utilizing the following method [of any of claims 1-12]:

reconstructing an image of the slice using initial X-ray attenuation data acquired along an initial scan path sector; and

modifying the image to provide a modified image of the slice, responsive to additional X-ray attenuation data acquired along an additional scan path sector in a vicinity of the axial position of the slice, the sector having an angular extent substantially less than a predetermined reconstruction angle.

Claim 16, line 1, change "any of claims 13-15" to --claim 13--.